

## TECHNICAL DATA SHEET

### **GALAXY DUOS** Safety Goggles

#### Product Introduction:

- Udyogi Galaxy Duos Safety Goggles designed to protect the eyes from hazards commonly encountered in industrial settings, such as dust, chemicals, flying particles, and intense light.
- Goggles made with polycarbonate lenses, PVC body, and an elastic headband with indirect ventilation are widely used due to their durability, flexibility, and comfort.
- Designed to meet EN 166: 2001, CE standard, which covers requirements for optical quality, mechanical strength, and impact protection.



#### Features:

- Polycarbonate lens with soft PVC frame & body provides excellent impact protection.
- **OVER THE GLASS** design, soft PVC frame & body provides excellent impact protection protective eyewear for all day wear.
- Lens provides medium velocity impact & body provides excellent impact protection
- Indirect ventilation system allows air to circulate inside the goggles, helping to circulate inside the goggles, helping to minimize lens fogging
- Anti-fog & hard coating on lens ensures that the lenses remain clear even in humid environment and prevents scratches that expands shelf life
- Lens filters out 99.9% of harmful UV light
- Fully adjustable headband attached to fits most users.
- Soft goggle body conforms to facial contours for a very comfortable fit to ensure for long time wearing
- Universal fit soft nose bridge conforms to facial contours to ensure a comfortable fit
- Suitable for different work environment & for both men and women.

#### Benefits:

- **Safety Compliances:** The rubber headband ensures a snug-fitting, adjustable fit, Rubber is flexible, durable, and resistant to wear, ensuring the goggles stay in place while providing long-lasting use.
- **High Impact Resistance:** Galaxy Duos provides superior protection against high-velocity impacts, making them highly suitable for environments with flying debris or hazardous particles.
- **Recyclable:** Polycarbonate is recyclable. After the safety goggles reach the end of their useful life, they can be recycled, helping to reduce environmental impact.
- **Durability:** The robust construction and weather-resistant properties of the Polycarbonate shell ensure long-lasting performance, even in harsh conditions.

### Safety Information :

- Ensure a secure fit with no gaps to fully protect your eyes from hazards.
- Inspect for damage before each use; replace if lenses are scratched or cracked.
- Clean regularly with a soft cloth and mild cleaner to maintain clear vision and functionality

### Usage Instructions :

- Hold the goggles by the frame, positioning the lenses in front of your eyes.
- Pull the rubber headband over your head and adjust it for a snug, comfortable fit
- Ensure a proper seal around your eyes with no gaps between the goggles and your face.
- To take it off gently pull the headband over your head while moving the goggles away from your face.

### Storage :

- Can be stored in the dark for up to 2 years
- Do not store in direct / high heat or sunlight as this may distort the color
- Can be stored and transported in their original cartons at ambient temperature (0° C to +30° C)

### Product Specifications:

**Model:** Galaxy Duos - Safety Goggle  
**Lens Component:** Polycarbonate  
**Body Component:** PVC (Polyvinyl Chloride)  
**Nose piece:** PVC [integral to frame temple]  
**Headband component:** PP Elastic  
**Clip:** Nylon  
**Impact Resistance:** F (45 m/s)  
**Coating:** K (Hard Coat) & N (Anti Fog)  
**Lens option:** Clear  
**Optical Class:** 1  
**Filter:** 2-1.5  
**Weight:** 120 grams.  
**Packaging:** 100 pcs. per carton  
**Standard:** EN166 :2001, CE

### Applications:

- Protects against flying debris, dust, and impact from tools or materials during tasks like cutting, drilling, and grinding.
- Shields eyes from chemical splashes, fumes, and spills in environments involving hazardous substances, such as laboratories and chemical plants.
- Protects against irritating mist and potentially infectious materials (lab environment).